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Docket No.: 1293.1925

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Jae-seong Shim et al.

Serial No. 10/667,670

Group Art Unit: 2819

Confirmation No. 9099

Filed: September 23, 2003

Examiner: Patrick G. Wamsley

For: DATA MODULATING METHOD AND APPARATUS, DATA DEMODULATING METHOD AND APPARATUS, AND CODE ARRANGING METHOD

LETTER TO THE EXAMINER REQUESTING ENTRY OF CHANGE IN POWER OF ATTORNEY AND CORRESPONDENCE ADDRESS

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the enclosed Power of Attorney, it is respectfully submitted that the attorneys of Stein, McEwen, & Bui, LLP, customer number 49,455, are associated with the instant application and all prior powers of attorney have been revoked.


Please direct all correspondence to the address associated with customer number 49,455, which is presently as follows:

Stein, McEwen, & Bui, LLP
1400 Eye St., NW
Suite 300
Washington, D.C. 20005

Respectfully submitted,

STEIN, MCEWEN & BUI, LLP

By:


James G. McEwen
Registration No. 41,983

1400 Eye St., N.W.
Suite 300
Washington, D.C. 20005
Telephone: (202) 216-9505
Facsimile: (202) 216-9510

Date: FEB. 3, 2005



**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST
AND REVOCATION OF PRIOR POWERS**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The undersigned corporation is the assignee of record of the entire right, title, and interest of the patent applications and patents identified listed in the enclosed Attachment A:

REVOCATION OF PRIOR POWERS OF ATTORNEY

revokes all powers of attorney previously given, and

NEW POWER OF ATTORNEY

appoints the attorneys and/or agents of Stein, McEwen & Bui, LLP under Customer No. 49,455 to prosecute and transact all business in the United States Patent and Trademark Office connected therewith.

CORRESPONDENCE CHANGE OF ADDRESS

All correspondence and telephone communications should be directed to the address associated with Customer Number 49,455, which is currently:

STEIN, MCEWEN & BUI, LLP
1400 EYE ST., N.W.
SUITE 300
WASHINGTON, D.C. 20005
PHONE: (202) 216-9505
FACSIMILE: (202) 216-9510



STATEMENT AND CERTIFICATION UNDER 37 CFR §3.73(B)

Samsung Electronics Co., Ltd., a Korean corporation certifies that it is the assignee of the entire right, title and interest in the patent applications and patents identified in the enclosed Attachment A, by way of assignments, and those assignments were recorded in the USPTO with available data identified in the Attachment A.

The undersigned is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

If there are any fees associated with the filing of this Statement and Certification, please charge and/or credit the same to Deposit Account No. 503333.

SAMSUNG ELECTRONICS CO., LTD.
416, Maetan-Dong, Yeongtong-gu,
Suwon-si, Gyeonggi-do
Republic of Korea

By: *Yong Tae Lee*
Name: Yong Tae Lee
Title: Vice President

Dated Jan 19, 2005

ATTACHMENT A
Assignments to Samsung Electronics Co., Ltd



| DOCKET # | SERIAL # | FILED | REEL / FRAME | REEL / FRAME 2 |
|-------------------|------------|------------|--------------|----------------|
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| 1293 . 1059CIP2 | 09/583,876 | 5/31/2000 | 011507/0911 | |
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| 1293 . 1059CIP2D2 | 09/927,495 | 8/13/2001 | 011507/0911 | |
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| 1293 . 1066 | 09/284,344 | 4/20/1999 | 010083/0225 | |
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ATTACHMENT A
Assignments to Samsung Electronics Co., Ltd

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Assignments to Samsung Electronics Co., Ltd

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| 1293 . 1107 | 09/805,443 | 3/14/2001 | 011884/0701 | |
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| 1293 . 1111 | 09/805,448 | 3/14/2001 | 011841/0272 | |
| 1293 . 1112 | 09/805,438 | 3/14/2001 | 011886/0587 | |
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| 1293 . 1116 | 09/553,157 | 4/20/2000 | 011254/0927 | |
| 1293 . 1117 | 09/556,311 | 4/24/2000 | 011316/0638 | |
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| 1293 . 1119 | 09/569,755 | 4/27/2000 | 011258/0713 | |
| 1293 . 1119D | 10/853,142 | 5/26/2004 | 011258/0713 | |
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| 1293 . 1125 | 09/613,695 | 7/10/2000 | 011174/0734 | |
| 1293 . 1125D | 10/991,889 | 11/19/2004 | 011174/0734 | |
| 1293 . 1126 | 09/603,204 | 6/26/2000 | 011174/0713 | |
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| 1293 . 1127C2 | 10/828,327 | 4/21/2004 | 011322/0088 | |
| 1293 . 1128 | 09/612,971 | 7/10/2000 | 011174/0892 | |
| 1293 . 1128C | 10/890,226 | 7/14/2004 | 011174/0892 | |
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ATTACHMENT A
Assignments to Samsung Electronics Co., Ltd

| | | | | |
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| 1293 . 1129 | 09/613,310 | 7/10/2000 | 011256/0806 | |
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| 1293 . 1130CIP | 09/694,787 | 10/24/2000 | 011573/0867 | |
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| 1293 . 1130CIPD3 | 10/835,435 | 4/30/2004 | 011573/0867 | |
| 1293 . 1131 | 09/656,709 | 9/7/2000 | 011376/0039 | |
| 1293 . 1132 | 09/620,469 | 7/20/2000 | 011174/0728 | |
| 1293 . 1135 | 09/623,309 | 8/31/2000 | 011296/0467 | |
| 1293 . 1135C | 10/736,843 | 12/17/2003 | 011296/0467 | |
| 1293 . 1136 | 09/704,834 | 11/3/2000 | 011612/0076 | |
| 1293 . 1137 | 09/704,856 | 11/3/2000 | 011650/0978 | |
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| 1293 . 1138 | 09/704,654 | 11/3/2000 | 011572/0048 | |
| 1293 . 1138D | 10/805,360 | 3/22/2004 | 011572/0048 | |
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| 1293 . 1148 | 09/695,197 | 10/25/2000 | 011716/0086 | |
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| 1293 . 1157 | 09/727,469 | 12/4/2000 | 011573/0716 | |
| 1293 . 1158 | 09/736,161 | 12/15/2000 | 011650/0961 | |
| 1293 . 1159 | 09/736,160 | 12/15/2000 | 011647/0430 | |
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| 1293 . 1162 | 09/749,586 | 12/28/2000 | 011669/0249 | |
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| 1293 . 1165 | 09/987,426 | 11/14/2001 | 012497/0986 | |
| 1293 . 1168 | 09/736,577 | 12/15/2000 | 011758/0877 | |
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| 1293 . 1169 | 09/776,706 | 2/6/2001 | 012038/0616 | |
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| 1293 . 1189 | 09/822,847 | 4/2/2001 | 011949/0669 | |
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ATTACHMENT A
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| 1293 . 1265 | 09/985,162 | 11/1/2001 | 012474/0233 | |
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| 1293 . 1267C3 | 10/998,010 | 11/29/2004 | 013124/0586 | |
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| 1293 . 1271 | 09/986,978 | 11/13/2001 | 012497/0979 | |
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| 1293 . 1278C2 | 10/806,107 | 3/23/2004 | 013598/0393 | |
| 1293 . 1278C3 | 10/806,320 | 3/23/2004 | 013598/0393 | |
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| 1293 . 1278C5 | 10/806,319 | 3/23/2004 | 013598/0393 | |
| 1293 . 1278C6 | 10/806,215 | 3/23/2004 | 013598/0393 | |
| 1293 . 1279 | 10/007,655 | 12/10/2001 | 012549/0525 | |
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| 1293 . 1306 | 10/056,071 | 1/28/2002 | 012537/0520 | |
| 1293 . 1307 | 10/073,053 | 2/12/2002 | 012851/0843 | |
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| 1293 . 1334 | 10/133,903 | 4/29/2002 | 012847/0549 | |
| 1293 . 1338 | 10/086,440 | 3/4/2002 | 012876/0690 | |
| 1293 . 1340 | 10/374,715 | 2/27/2003 | 014110 / 0001 | |
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| 1293 . 1353 | 10/125,582 | 4/19/2002 | 013055/0145 | |
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| 1293 . 1360C | 10/937,501 | 9/10/2004 | 014498/0763 | |
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| 1293 . 1361C1 | 10/787,141 | 2/27/2004 | 013190/0503 | |
| 1293 . 1361C2 | 10/787,166 | 2/27/2004 | 013190/0503 | |
| 1293 . 1363 | 10/372,675 | 2/25/2003 | 014234/0913 | 014234 / 0913 |
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| 1293 . 1370 | 10/141,774 | 5/10/2002 | 013181 / 0037 | |
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| 1293 . 1477 | 10/272,283 | 10/17/2002 | 013633/0350 | |
| 1293 . 1480 | 10/310,996 | 12/8/2002 | 013863 / 0828 | |
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| 1293 . 1487 | 10/278,017 | 10/23/2002 | 013658/0841 | |
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| 1293 . 1489 | 10/277,094 | 10/22/2002 | 013633/0724 | |
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| 1293 . 1510 | 10/265,083 | 9/26/2002 | 013590 / 0607 | |
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| 1293 . 1518 | 10/295,044 | 11/15/2002 | 013710/0595 | |
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| 1293 . 1761 | 10/626,716 | 7/25/2003 | 014320/0157 | 014320 / 0157 |
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| 1293 . 1873 | 10/465,601 | 6/20/2003 | 014205/0351 | 014205 / 0351 |
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| 1293 . 1893 | 10/797,050 | 3/11/2004 | 015086/0593 | |
| 1293 . 1895 | 10/670,779 | 9/26/2003 | 015229/0950 | |
| 1293 . 1896 | 10/703,076 | 11/7/2003 | 015182/0265 | |
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| 1293 . 1900 | 10/812,415 | 7/3/2003 | 014722 / 0446 | |
| 1293 . 1900C | 10/777,900 | 2/13/2004 | 014722 / 0446 | |
| 1293 . 1900C2 | 10/777,758 | 2/13/2004 | 014722 / 0446 | |
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| 1293 . 1967 | 10/670,383 | 9/26/2003 | 014547/0180 | |
| 1293 . 1969 | 10/653,451 | 9/3/2003 | 014911/0780 | |
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| 1293 . 1975 | 10/638,560 | 8/12/2003 | 014942/0941 | |
| 1293 . 1976 | 10/638,481 | 8/12/2003 | 014858/0899 | |
| 1293 . 1993 | 10/769,756 | 2/3/2004 | 014952/0785 | |
| 1293 . 1994 | 10/647,445 | 8/26/2003 | 015006/0246 | |
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| 1316 . 1027 | 09/301,607 | 4/29/1999 | 014355/0075 | |
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| 1316 . 1027D2 | 10/151,908 | 5/22/2002 | 014355/0075 | |
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| 1316 . 1036D3 | 09/907,965 | 7/19/2001 | 010127/0541 | |
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| 1317 . 1004RE | 09/791,842 | 2/28/2001 | 8926 / 0291 | |
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| 1317 . 1031D1 | 09/556,978 | 4/24/2000 | 9099/0158 | |
| 1317 . 1031D2 | 09/556,379 | 4/24/2000 | 9099/0158 | |
| 1317 . 1048 | 09/118,922 | 7/20/1998 | 9460/0132 | |
| 1317 . 1052 | 09/223,762 | 12/31/1998 | 9696/0230 | |
| 1317 . 1052D | 10/448,037 | 5/30/2003 | 9696/0230 | |
| 1317 . 1052DC | 10/849,203 | 5/20/2004 | 9696/0230 | |
| 1349 . 1015 | 09/313,787 | 5/17/1999 | 010202/0978 | |
| 1349 . 1015D | 09/949,870 | 9/12/2001 | 010202/0978 | |
| 1349 . 1015D2 | 09/964,632 | 9/28/2001 | 010202/0978 | |
| 1349 . 1015DC | 10/677,220 | 10/3/2003 | 010202/0978 | |
| 1349 . 1015DC2 | 10/678,257 | 10/6/2003 | 010202/0978 | |
| 1349 . 1016 | 09/442,095 | 11/17/1999 | 010409/0745 | |
| 1349 . 1021 | 09/465,152 | 12/6/1999 | 010441/0087 | |
| 1349 . 1022 | 09/426,644 | 10/25/1999 | 010519/0043 | |
| 1349 . 1028 | 09/955,061 | 9/19/2001 | 012179/0475 | |
| 1349 . 1029 | 09/978,923 | 10/18/2001 | 012270/0703 | |
| 1349 . 1030 | 09/984,431 | 10/30/2001 | 012294 / 0269 | |
| 1349 . 1031 | 09/982,313 | 9/26/2001 | 012205/0126 | |
| 1349 . 1033 | 09/985,249 | 11/2/2001 | 012299/0165 | |
| 1349 . 1034 | 09/977,988 | 10/17/2001 | 012265/0188 | |
| 1793 . 1002 | 10/654,617 | 9/4/2003 | 014916/0232 | |
| 1793 . 1004 | 10/647,440 | 8/26/2003 | 015007/0152 | 015039 / 0428 |
| 1793 . 1011 | 10/685,396 | 10/16/2003 | 014611/0551 | |
| 1793 . 1011CIP | 10/770,128 | 2/3/2004 | 015522 / 0757 | |
| 1793 . 1014 | 10/682,837 | 10/10/2003 | 015086/0171 | |
| 1793 . 1015 | 10/727,980 | 12/5/2003 | 015294/0456/045 | |
| 1793 . 1016 | 10/657,712 | 9/9/2003 | 014971/0996 | |
| 1793 . 1017 | 10/680,419 | 10/8/2003 | 015300/0222 | |
| 1793 . 1035 | 10/671,865 | 9/29/2003 | 014954/0918 | |
| 1793 . 1046 | 10/685,702 | 10/16/2003 | 015182/0401 | |

ATTACHMENT A
Assignments to Samsung Electronics Co., Ltd

| | | | | |
|-------------|------------|------------|---------------|---------------|
| 1793 . 1052 | 10/678,833 | 10/6/2003 | 015340/0365 | |
| 1793 . 1072 | 10/685,695 | 10/16/2003 | 015121/0268 | 015121 / 0266 |
| 1793 . 1073 | 10/685,699 | 10/16/2003 | 015120/0331 | 015120 / 0331 |
| 1793 . 1074 | 10/685,694 | 10/16/2003 | 015121/0217 | |
| 1793 . 1075 | 10/686,537 | 10/16/2003 | 015121/0326 | |
| 1793 . 1076 | 10/685,697 | 10/16/2003 | 015180/0621 | |
| 1793 . 1077 | 10/686,521 | 10/16/2003 | 015121/0347 | |
| 1793 . 1078 | 10/717,919 | 11/21/2003 | 015294/0426 | |
| 1793 . 1080 | 10/685,701 | 10/16/2003 | 015182 / 0587 | |
| 1793 . 1081 | 10/685,708 | 10/16/2003 | 015182/0858 | |
| 1793 . 1082 | 10/712,304 | 11/14/2003 | 015253/0762 | |
| 1793 . 1100 | 10/721,782 | 11/26/2003 | 015325 / 0559 | |
| 1793 . 1104 | 10/778,169 | 2/17/2004 | 015194/0269 | |
| 1793 . 1113 | 10/728,097 | 12/5/2003 | 015269/0035 | |
| 1793 . 1118 | 10/717,922 | 11/21/2003 | 015285/0360 | |
| 1793 . 1119 | 10/751,731 | 1/6/2004 | 015436/0176 | |
| 1793 . 1132 | 10/760,307 | 1/21/2004 | 014907/0536 | |
| 1793 . 1135 | 10/765,183 | 1/28/2004 | 014941/0780 | |
| 1793 . 1146 | 10/735,823 | 12/16/2003 | 015382/0982 | |
| 1793 . 1147 | 10/735,850 | 12/16/2003 | 015357/0680 | |
| 1793 . 1153 | 10/746,290 | 12/29/2003 | 015431/0900 | |
| 1793 . 1154 | 10/751,729 | 1/6/2004 | 015446/0581 | |
| 1793 . 1155 | 10/766,907 | 1/30/2004 | 014948/0210 | |
| 1793 . 1156 | 10/746,553 | 12/29/2003 | 015431/0523 | |
| 1793 . 1157 | 10/745,935 | 12/29/2003 | 015432/0403 | |
| 1793 . 1164 | 10/765,954 | 1/29/2004 | 014936/0595 | |
| 1793 . 1171 | 10/766,889 | 1/30/2004 | 014944/0074 | |
| 1793 . 1179 | 10/786,001 | 2/26/2004 | 015032/0672 | |
| 1793 . 1190 | 10/769,986 | 2/3/2004 | 015514 / 0269 | |
| 1793 . 1191 | 10/769,987 | 2/3/2004 | 015490 / 0322 | |
| 1793 . 1194 | 10/797,105 | 3/11/2004 | 015079/0568 | |
| 1793 . 1199 | 10/788,302 | 3/1/2004 | 015033/0157 | |
| 1793 . 1202 | 10/798,268 | 3/12/2004 | 015080/0800 | |
| 1793 . 1208 | 10/785,001 | 2/25/2004 | 015024/0668 | |
| 1793 . 1209 | 10/804,016 | 3/19/2004 | 015125/0106 | |
| 1793 . 1211 | 10/791,268 | 3/3/2004 | 015431/0917 | |
| 1793 . 1212 | 10/812,096 | 3/30/2004 | 015174/0085 | |
| 1793 . 1214 | 10/830,076 | 4/23/2004 | 015280/0516 | |
| 1793 . 1218 | 10/800,871 | 3/16/2004 | 015107/0848 | |
| 1793 . 1226 | 10/798,272 | 3/12/2004 | 015086/0202 | |
| 1793 . 1236 | 10/822,772 | 4/13/2004 | 015211/0947 | |
| 1793 . 1237 | 10/811,976 | 3/30/2004 | 015160/0391 | |
| 1793 . 1238 | 10/812,089 | 3/30/2004 | 015174/0045 | |
| 1793 . 1239 | 10/812,010 | 3/30/2004 | 015175/0279 | |
| 1793 . 1240 | 10/838,201 | 5/5/2004 | 015299 / 0231 | |
| 1793 . 1272 | 10/872,420 | 6/22/2004 | 015506 / 0836 | |

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